COMBINED DECLARATION FOR PATENT A AND POWER OF ATTORNEY		DEPARTMENT OF (t and Trademar)	
(Includes Reference to PCT Internation	-		CILLOR
	Atty. Docket No.	03806.0394	
As a below named inventor, I hereby decla	re that:		·
My residence, post office address and citizens	hip are as stated be	low next to my	name,
I believe I am the original, first and sole in or an original, first and joint inventor (if p subject matter which is claimed and for which entitled:	lural names are list	ed below) of the	he
NOVEL TOPOISOMERASE IV, CORRESPONDING NUCLE	OTIDE SEQUENCES AND	USES THEREOF	·
•			·
the specification of which:			
is attached hereto; or	• •		
was filed as United States application Se	rial No.		
on and was amended			
on (if applicable)	; or		
was filed as PCT international applicatio on July 26, 1995, and was amended on (if applicabl		001	
I hereby state that I have reviewed and unders	tand the contents of	the above-iden	ntified
specification, including the claims, as amende			
I acknowledge the duty to disclose to the U.S.	Patent and Trademar	k Office	
information which is material to the patentabi			
application in accordance with Title 37, Code	of Federal Regulation	ns, §1.56.	
I hereby claim foreign priority benefits under any foreign application(s) for patent or inven			of
international application(s) designating at le			ted
States of America listed below and have also i	dentified below any :	foreign applica	ation(s)
for patent or inventor's certificate or any PC at least one country other than the United Sta			
subject matter having a filing date before that			
is claimed:			
PRIOR FOREIGN/PCT APPLICATION(S) AND ANY P	RIORITY CLAIMS UNDER	35 U.S.C. 119	·
COUNTRY APPLICATION NUMBER	DATE OF FILING	PRIORITY CI	AIMED
if PCT, indicate PCT)	(day, month, year)	UNDER 35 US	SC 119
Prance 94/09288	27 July 1994	XX Yes	No_
		Yes	No
		Yes	No_
		Yes	No
	1	Yes	NO_

Combined Declaration For Patent Application and Power of Attorney (Continued) (includes Refer nce to PCT International Applications)

Atty. Docket No. 03806.0394

I hereby claim the benefit under Title 35, United States Code, \$120 of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to the patentability of claims presented in this application in accordance with Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application(s) and the national or PCT international filing date of this application:

PRIOR U.S. APPLICATIONS OR PCT INTERNATIONAL APPLICATIONS DESIGNATING THE U.S. FOR BENEFIT UNDER 35 U.S.C. 120:

U.S. APPLICATION	3	STATU	S (Check o	ne)
U.S. APPLICATION NUMBER	U.S. FILING DATE	PATENTED	PENDING	ABANDONED
		· · · · · ·		
				
PCT APPLICATIONS DESIGNATI	NG THE U.S.			•
PCT APPLICATION NO. PCT FILING DA	TE U.S. SERIAL NUMBER ASSIGNED (if any)			

FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P. Reg. No. 22,540; Douglas B. Henderson, Reg. No. 20,291; Ford F. Farabow, Jr., Reg. No. 20,630; arthur S. Garrett, Reg. No. 20,338; Donald R. Dunner, Reg. No. 19,073; Brian G. Brunsvold, Reg. No. 22,593; Tipton D. Jennings, IV, Reg. No. 20,645; Jerry D. Voight, Reg. No. 23,020; Laurence R. Hefter, Reg. No. 20,827; Kenneth E. Payne, Reg. No. 23,098; Herbert H. Mintz, Reg. No. 26,691; C. Larry O'Rourke, Reg. No. 26,014 Albert J. Santorelli, Reg. No. 22,610; Michael C. Elmer, Reg. No. 25,857; Richard H. Smith, Reg. No. 20,609; Stephen L. Peterson, Reg. No. 26,325; John M. Romary, Reg. No. 26,331; Bruce C. Zotter, Reg. No. 27,680; Dennis P. O'Reilley, Reg. No. 27,932; Allen M. Sokal, Reg. No. 26,695; Robert D. Bajefsky, Reg. No. 25,387; Richard L. Stroup, Reg. No. 28,478; David W. Hill, Reg. No. 28,220; Thomas L. Irving, Reg. No. 28,619; Charles E. Lipsey, Reg. No. 28,165; Thomas W. Winland, Reg. No. 27,605; Basil J. Lewris, Reg. No. 28,818; Martin I. Fuchs, Reg. No. 28,508; E. Robert Yoches, Reg. No. 30,120; Barry W. Graham, Reg. No. 29,924; Susan Haberman Griffen, Reg. No. 30,907; Richard B. Racine, Reg. No. 30,415; Thomas H. Jenkins, Reg. No. 30,857; Robert E. Converse, Jr., Reg. No. 27,432; Clair X. Mullen, Jr., Reg. No. 20,348; Christopher P. Foley, Reg. No. 31,354; John C. Paul, Reg. No. 30,413; David M. Kelly, Reg. No. 30,953; Kenneth J. Meyers, Reg. No. 25,146; Carol P. Einaudi, Reg. No. 32,220; Walter Y. Boyd, Jr., Reg. No. 31,736; Steven M. Anzalone, Reg. No. 32,095; Jean B. Fordis, Reg. No. 32,984; Barbara C. McCurdy, Reg. No. 32,120; James K. Hammond, Reg. No. 31,964; Richard V. Burgujian, Reg. No. 31,744; J. Michael Jakes, Reg. No. 32,824; Thomas W. Banks, Reg. No. 32,719; M. Paul Barker, Reg. No. 32,013; Bryan C. Diner, Reg. No. 32,409; Christopher P. Isaac, Reg. No. 32,616; Andrew C. Sonu, Reg. No. 33,457; Dirk D. Thomas, Reg. No. 32,600; and

Send Correspondence to: FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P. 1300 I Street, N.W. Washington, D.C. 20005-3315

Direct Telephone Calls to: (name and telephone number) Ernest F. Chapman (202) 408-4000

		ation For Patent Application and Power of Attorney (Cont	inued)
(1)	cludes Refere	ence to PCT International Applications)	
	7 hamalus da.	Atty. Dock t No. 0 clare that all statements made herein of my own knowledg	
	that all sta further that statements a under section	atements made on information and belief are believed to t these statements were made with the knowledge that wil and the like so made are punishable by fine or imprisonm on 1001 of Title 18 of the United States Code, and that	be true; and lful false ent, or both, such willful
	issuing the	ments may jeopardize the validity of the application or	any patent
	Taantud cue	reon.	
	FULL NAME		
	OF FIRST INVENTOR	Francis Blanche	
	residence &	CITY AND STATE OR CITY AND FOREIGN COUNTRY	COUNTRY OF
	CITIZENSEIP	75019 Paris, France	CITIZENSHIP France
	POST OFFICE		· · · · · · · · · · · · · · · · · · ·
	Address	41, rue des Solitaires, 75019 Paris, France	
8	FIRST INVENTO	OR'S SIGNATURE	DATE
_		Francis Blanche	3/01/97
	FULL NAME OF SECOND INVENTOR	Béatrice CAMERON	
	RESIDENCE &	CITY AND STATE OR CITY AND FOREIGN COUNTRY	COUNTRY OF
	CITIZENSHIP	75005 Paris, France	CITIZENSHIP France
	POST OFFICE		
	ADDRESS	6, rue Tournefort,	•
	,	75005 Paris, Prance	
-5	CECOMD THE	TOR'S SIGNATURE	
۲ _	AECOMD INVEN	Beotice Cameron	06/01/97
,	FULL NAME OF THIRD INVENTOR	Joël crouzet	
	RESIDENCE &	CITY AND STATE OR CITY AND FOREIGN COUNTRY	COUNTRY OF
	CITIZENSHIP		CITIZENSHIP
		92330 Sceaux, France	France
	POST OFFICE		
	Address	12 rue Michel Voisin, 92330 Sceaux, France	
9	THIRD INVENTO	Jil housely	DATE

Listing of Inventors Continued on attached page(s) /IX/Yes /_/N

		ation For Patent Application and Power of Attorney (Contence to PCT International Applications) Atty. Docket No. 0	
	FULL NAME OF FOURTE INVENTOR	Alain FAMECHON	
	RESIDENCE & CITIZENSHIP	CITY AND STATE OR CITY AND POREIGN COUNTRY 91510 Janville-sur-Juine, France	COUNTRY OF CITIZENSHIP France
	POST OFFICE ADDRESS	10, rue Bouray-sur-Juine, 91510 Janville-sur-Juine, France	
Y	FOURTH INVEN	FANE CHON Alain	6 /01/97
	FULL NAME OF FIFTH INVENTOR	Lucia FERRERO	•
	RESIDENCE & CITIZENSHIP	CITY AND STATE OR CITY AND FOREIGN COUNTRY 75013 Paris, France	COUNTRY OF CITIZENSHIP Italy
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7	FIFTH INVENT	OR'S SIGNATURE	6/01/97.
	FULL NAME OF SIXTH INVENTOR		
	RESIDENCE & CITIZENSHIP	CITY AND STATE OR CITY AND POREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS		
	SIXTH INVENTS	DR'S SIGNATURE	DATE

Listing	of	Inventors	Continued	on	attached	page	(=)	/_/:	Yes ,	/XX/No
					1	Page	4 of 4			

SUPPLEMENTAL COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY

U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

(Includes Reference to PCT International Applications)

Atty. Docket No. 03806.0394

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

NOVEL TOPOISOMERASE IV, CORRESPONDING NUCLEOTIDE SEQUENCES AND USES THEREOF

the specification of which:

is attached hereto; or

was filed as United States application Serial No. on January 24, 1997, and was amended on <u>January 24, 1997</u> (if applicable); or

was filed as PCT international application Number PCT/FR95/01001 on July 26, 1995, and was amended on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the U.S. Patent and Trademark Office information which is material to the patentability of claims presented in this application in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed:

PRIOR FOREIGN/PCT	APPLICATION(S) AND ANY P	RIORITY CLAIMS UNDER	35 U.S.C. 119:
COUNTRY	APPLICATION NUMBER	DATE OF FILING	PRIORITY CLAIMED
(if PCT, indicate PCT)		(day, month, year)	UNDER 35 USC 119
France	94/09288	27 July 1994	XX Yes Nó
		<u> </u>	Yes No
····		<u> </u>	Yes No
		<u> </u>	YesNo
		<u> </u>	Y s No
	·	1	YesNo

Combined Declaration For Patent Application and Power of Attorney (Continued) (includes Reference to PCT International Applications)

Atty. Docket No. 03806.0394

I hereby claim the benefit under Title 35, United States Code, \$120 of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to the patentability of claims presented in this application in accordance with Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application(s) and the national or PCT international filing date of this application:

PRIOR U.S. APPLICATIONS OR PCT INTERNATIONAL APPLICATIONS DESIGNATING THE U.S. FOR BENEFIT UNDER 35 U.S.C. 120:

		s (Check or	<u></u>
U.S. FILING DATE	PATENTED	PENDING	ABANDONE
PING THE U.S.			
DATE U.S. SERIAL NUMBER			
	TING THE U.S.	PING THE U.S. DATE U.S. SERIAL NUMBER	PING THE U.S. DATE U.S. SERIAL NUMBER

FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P. Reg. No. 22,540; Douglas B. Henderson, Reg. No. 20,291; Ford F. Farabow, Jr., Reg. No. 20,630; Arthur S. Garrett, Reg. No. 20,338; Donald R. Dunner, Reg. No. 19,073; Brian G. Brunsvold, Reg. No. 22,593; Tipton D. Jennings, IV, Reg. No. 20,645; Jerry D. Voight, Reg. No. 23,020; Laurence R. Hefter, Reg. No. 20,827; Kenneth E. Payne, Reg. No. 23,098; Herbert H. Mintz, Reg. No. 26,691; C. Larry O'Rourke, Reg. No. 26,014 Albert J. Santorelli, Reg. No. 22,610; Michael C. Elmer, Reg. No. 25,857; Richard H. Smith, Reg. No. 20,609; Stephen L. Peterson, Reg. No. 26,325; John M. Romary, Reg. No. 26,331; Bruce C. Zotter, Reg. No. 27,680; Dennis P. O'Reilley, Reg. No. 27,932; Allen M. Sokal, Reg. No. 26,695; Robert D. Bajefsky, Reg. No. 25,387; Richard L. Stroup, Reg. No. 28,478; David W. Hill, Reg. No. 28,220; Thomas L. Irving, Reg. No. 28,619; Charles E. Lipsey, Reg. No. 28,165; Thomas W. Winland, Reg. No. 27,605; Basil J. Lewris, Reg. No. 28,818; Martin I. Fuchs, Reg. No. 28,508; E. Robert Yoches, Reg. No. 30,120; Barry W. Graham, Reg. No. 29,924; Susan Haberman Griffen, Reg. No. 30,907; Richard B. Racine, Reg. No. 30,415; Thomas H. Jenkins, Reg. No. 30,857; Robert E. Converse, Jr., Reg. No. 27,432; Clair X. Mullen, Jr., Reg. No. 20,348; Christopher P. Foley, Reg. No. 31,354; John C. Paul, Reg. No. 30,413; David M. Kelly, Reg. No. 30,953; Kenneth J. Meyers, Reg. No. 25,146; Carol P. Einaudi, Reg. No. 32,220; Walter Y. Boyd, Jr., Reg. No. 31,738; Steven M. Anzalone, Reg. No. 32,095; Jean B. Fordis, Reg. No. 32,984; Barbara C. McCurdy, Reg. No. 32,120; James K. Hammond, Reg. No. 31,964; Richard V. Burgujian, Reg. No. 31,744; J. Michael Jakes, Reg. No. 32,824; Thomas W. Banks, Reg. No. 32,719; M. Paul Barker, Reg. No. 32,013; Bryan C. Diner, Reg. No. 32,409; Christopher P. Isaac, Reg. No. 32,616; Andrew C. Sonu, Reg. No. 33,457; Dirk D. Thomas, Reg. No. 32,600; and _

send Correspondence to:
FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.
1300 I Street, N.W.
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Direct Telephone Calls to: (name and telephone number) Ernest F. Chapman (202) 408-4000 Combined Declaration For Patent Application and Power of Attorney (Continued) (includes Reference to PCT International Applications)

Atty. Docket No. 03806.0394

I hereby declare that all statements made h rein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonm nt, or both, under section 1001 of Title 18 of the United Stat s Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

	•		
	FULL NAME OF FIRST INVENTOR	Francis BLANCHE	
,	RESIDENCE & CITIZENSHIP	CITY AND STATE OR CITY AND FOREIGN COUNTRY 75019 Paris, France	COUNTRY OF CITIZENSHIP France
	POST OFFICE ADDRESS	41, rue des Solitaires, 75019 Paris, France	
	FIRST INVENTO	DR'S SIGNATURE Francis Blanche	DATE 5 Feb. 1997
	FULL NAME OF SECOND INVENTOR	Béatrice CAMERON	
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	SECOND INVEN	Beatrice Campon	4 th 1997
	FULL NAME OF THIRD INVENTOR	Joël CROUZET	
	RESIDENCE & CITIZENSHIP	CITY AND STATE OR CITY AND FOREIGN COUNTRY 92330 Sceaux, France	COUNTRY OF CITIZENSHIP France
	POST OFFICE ADDRESS	12 rue Michel Voisin, 92330 Sceaux, France	
	1	J. El Livige	Teb 1337

Listing of Inv ntors Continued on attached page(s) /XX/Yes /__/No

FULL NAME	Atty. Docket	7 1.01 00000100398
OF FOURTH INVENTOR	Alain FAMECHON	
RESIDENCE & CITIZENSHIP	CITY AND STATE OR CITY AND FOREIGN COUNTRY 91510 Janville-sur-Juine, France	COUNTRY OF CITIZENSHIP France
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FOURTH INVEN	Hain Famechon.	DATE 4/03/57
FULL NAME OF FIFTH INVENTOR	Lucia FERRERO	
RESIDENCE & CITIZENSHIP	CITY AND STATE OR CITY AND FOREIGN COUNTRY 75013 Paris, France	COUNTRY OF CITIZENSHIP Italy
POST OFFICE ADDRESS	31, Rue Abel Hovelacque, 75013 Paris, France	
1 L	FOR'S SIGNATURE	DATE X 3/03/93
FULL NAME OF SIXTH INVENTOR		
RESIDENCE & CITIZENSHIP	CITY AND STATE OR CITY AND FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
POST OFFICE ADDRESS		
CTYMU TNWEND	POR'S SIGNATURE	DATE